How to Reach High Level Supplier Organizational Interoperability within the Supply Chain[*]

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Abstract

The quality of partnership and cooperation is essential for the interoperability of supply chain partners. This means, however, that each partner within the supply chain must have good interoperability built into its organizational systems. Research and experiences taken from individual businesses provide us with many examples of the numerous factors that influence interoperability. A prime factor involves communication problems. This paper suggests one way to reach a high level of organizational interoperability through an integrated building of project-oriented organizations.

Key words: Human resources, Supply chain, Organizational interoperability, Knowledge, Project-oriented organization.

1   Introduction

The organization is recognized as a good supply chain partner when its organizational units or departments interoperate successfully. Though this may be true, the current operational climate does not look quite like this. More often, we see conflicting goals between functional departments as the current phenomena in manufacturing firms.

This paper addresses potential improvements to organizational interoperability within the supply chain generally through the 'Integrated Model of Communication Systems, Knowledge and Project Management Development, as well as Training and Development of Human Resources and the development of Organizational Standards & Norms of the partner organizations.' This integrated model can help organizations survive even bad times or economic recessions. The model is then analyzed and adapted for the automotive industry.

2   Terms and concepts of the organizational interoperability

The term "Organizational Interoperability" is used mainly in a technological context, concerning software, data standards and networks, for example developing frameworks for interoperable digital geospatial libraries [1], or for developing a standard inter-organization protocol which expresses the way in which organizations have to communicate and share data [2]; or for Collaborative product development (CPD), where it has been widely

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